

# KLINGEL

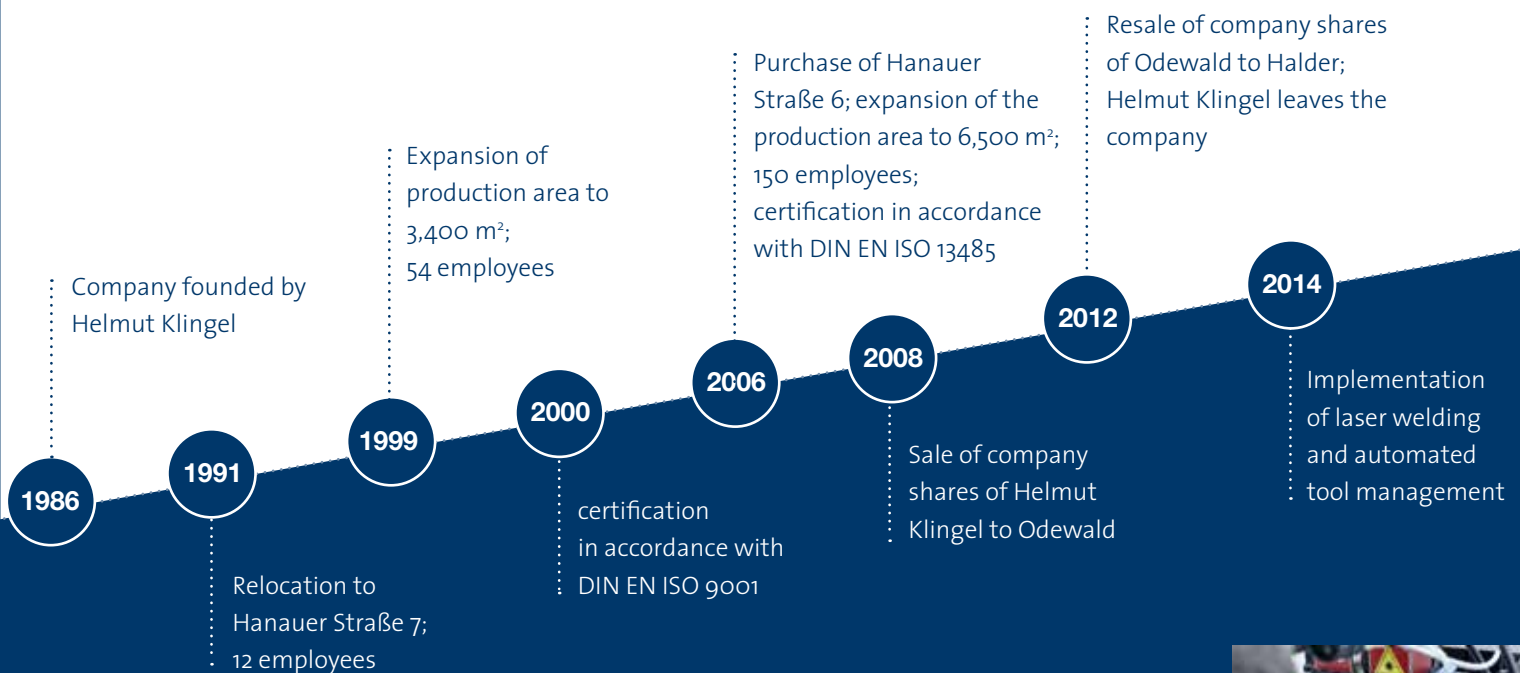
medical metal group



## PRECISION IN NEW DIMENSIONS

## With a passion for perfection

In the development and manufacture of products for medical technology, precision is crucial. The Klingel medical metal group with its four partners has made a name for itself internationally, as a specialist for solutions that are as high-quality as they are innovative. Bringing everyone together under one roof allows for an optimal exchange of experience and know-how. The added value chain created by this merger is unparalleled.



Implants/components/  
modules for a variety of  
applications in medical  
technology



JOSEF GANTER  
Feinmechanik

Torque ratchets, tools  
and mandrels for dental  
technology, microparts for  
medical technology:



> Four competence centres under one roof lead to incredible capabilities for quick and efficient order processing of customer-specific solutions

> Specialists in difficult to machine materials and complex geometry with narrow tolerances

  
**KLINGEL**  
medical metalJOSEF GANTER  
Feinmechanik

Name change and marketing of the brand as Klingel medical metal GmbH; takeover of Josef Ganter Feinmechanik

Expansion of added value chain into a one-stop-shop; increased automation

**Bächler**  
feintech

Purchase of Bächler Feintech AG

2015

2016

Implementation of an electro-polishing plant



2017

2018

Groundbreaking for a new Klingel building; Resale of company shares of Halder to IK Investment; Implementation of an automated cleaning plant; Start of new Josef Ganter building; purchase of GEHRING CUT, Switzerland

**GEHRINGCUT**

2019

Today

Group turnover: 74,5 Mio; approx. 600 employees  
Completion of new building at the end of 2019

**GEHRINGCUT**

Surgical instruments and tools for orthopaedics and trauma

**Bächler**  
feintech

Tools and surgical instruments for orthopaedics and dental technology



> Over 250 years of experience, over 600 employees and 21,000 m<sup>2</sup> of production area create synergy effects to the benefit of our customers

> Certification in accordance with DIN EN ISO 13485



## Klingel medical metal GmbH Specialist in challenging geometries and materials

Since its founding more than 30 years ago, Klingel medical metal GmbH has developed into a Europe-wide leading company in the area of precision engineering. The machining specialist from Pforzheim, Germany currently boasts a team of around 330 qualified and experienced experts. Klingel develops and manufactures high-precision components from hard to machine materials, primarily stainless steel and titanium, in uncompromising quality and technical aesthetics.

Klingel products meet the highest standards of medical technology and other sectors such as measurement and control technology and aviation and aerospace. The high-quality services are based on decades of experience and expertise in the specific characteristics of the materials. The result is fully functional high-end components. Klingel medical metal is certified in accordance with DIN EN ISO 13485:2016 and FDA-registered. The employees work in accordance with certified and traceable process instructions which are reliably documented.



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360° panorama



Photo gallery



Cinemagramm



Web symbol



Snap video



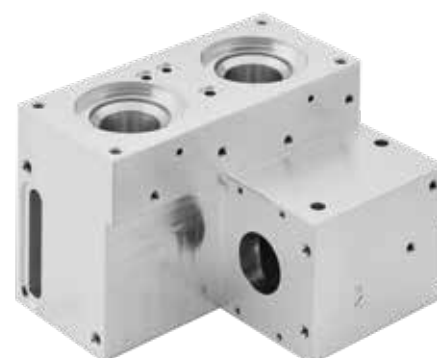
As a full-service supplier, Klingel offers its customers a large selection of technologies and a wealth of experience in processing complex, hard to machine materials and geometries. The meticulously planned process and interface management ensure maximum efficiency and reduced throughput times. For more than three decades, Klingel medical metal GmbH has stood for the highest quality metal precision with minimal tolerances “made in Germany”.

## Contact



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**KLINGEL**  
medical metal







## Josef Ganter Feinmechanik GmbH

### Precision in dental technology

Josef Ganter Feinmechanik is part of the Pforzheim Klingel medical metal group, and has been an established partner in the medical technology industry for more than 90 years. The key competence of the company includes the development and manufacture of dental instruments, specifically torque ratchets and mandrels, and complex, customer-specific precision parts for various branches of medicine and the areas of optics and precision engineering. The traditional company from the Black Forest region of Baar-Heuberg impresses customers through unrivalled quality and reliability. The success of Josef Ganter precision engineering is based on the knowledge, commitment and passion of the company's well-trained and experienced employees and the use of the latest machines and plants. The company has high-performance CNC automatic lathes, and lathing and milling centres with up to 12 axes. Production is made in both small and large-scale serial production with a diameter of 0.5 mm to 32 mm. Both titanium and special alloys as well as stainless steels, machining steels, non-ferrous metals and plastics can be processed.

Josef Ganter Feinmechanik supports its customers in all phases of a given project and is certified in accordance with ISO 13485:2016. Thanks to a high in-house production range and depth, the company is also capable of completing special requests. Alongside CNC machining, the service portfolio also includes upstream and downstream processes, e.g. development and construction, vibratory finishing, polishing, sand blasting, laser welding, passivation, centreless cylindrical grinding, anodisation of titanium, component assembly, engraving, coloured marking with ceramic colour, labelling and packaging.

Josef Ganter Feinmechanik is one of the leading manufacturers of torque ratchets, insertion tools and disc carriers (mandrels) in the European dental sector. Josef Ganter Feinmechanik's torque ratchets are manufactured from robust, abrasion-resistant and chemical-resistant material and feature an impressive aesthetic design and excellent functionality. Furthermore, they are easy to clean and simple to handle. The torque ratchets can be ergonomically adjusted to individual requirements and are compatible with the various instruments and tools. The universal ratchets are available with and without torque function, with and without bending beam attachment, and even in one piece (does not need to be disassembled for cleaning and processing).





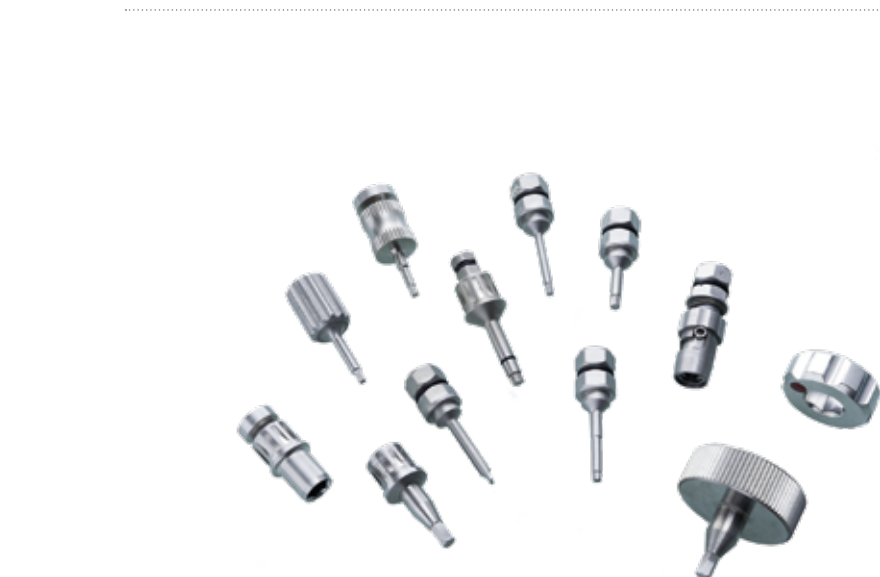
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**JOSEF GANTER**  
Feinmechanik







## Bächler Feintech AG Precision & compliance

The core competence of Bächler Feintech AG is in the areas of lathing and milling, complete machining and surface treatment as well as the development of precision engineering products and precision parts, medical instruments, tools and components. These are manufactured with the latest production methods and the highest quality standard.

Bächler Feintech currently has around 150 qualified and highly motivated employees who prove their commitment to quality and customer satisfaction every day as they work hard to meet the customer's needs and requirements. These include international specialists in the areas of medical technology, dental technology, chemistry, assemblies and components.

The scale of services is highly diverse, and ranges from development and manufacture to labelling and assembly, right up to measurement and packaging as well as the storage of products.

In order to stay up to date, Bächler Feintech AG continually invests in the latest production plants and technology, as well as vocational and further training of the employees. Today, the company is part of the Klingel medical metal group.







## Variety, tailor-made for the customer

Bächler Feintech AG is certified in accordance with the high standards of the DIN norms ISO 9001:2015 and ISO 13485:2016. Therefore, adherence to the highest quality standards is always guaranteed, across the entire manufacturing chain. The product range is diverse and includes:

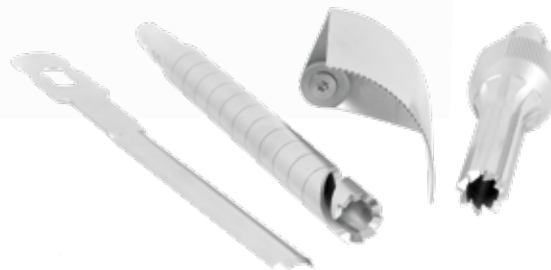
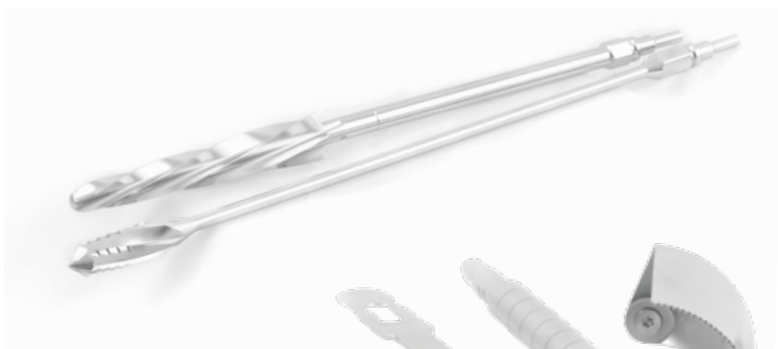
- > Medical technology
- > Dental technology
- > Assemblies/components
- > Thermoanalysis DSC

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**Bächler**  
 feintech





## GEHRING CUT AG

### Specialist in surgical tools

GEHRING CUT is a world-renowned manufacturer of highly functional orthopaedic instruments which make an important contribution to safe and optimum surgical procedures. The Swiss company from Matzingen offers its customers products and services that impress with their quality and reliability and comply with the highest requirements in day-to-day operation. On the basis of extensive manufacturing expertise and the detailed knowledge of the various process steps, GEHRING CUT is in a position to fulfil even complex customer requirements. The company uses modern, highly productive machinery, which guarantees flawless and efficient manufacturing chains. Currently, GEHRING CUT employs around 80 qualified workers, who ensure flexible, quick and high-quality realisation of customer needs. Even complex projects are completed on schedule.

As a long-standing industry partner, the experts at GEHRING CUT know exactly how important traceable and transparent process sequences are, especially in the medical sector. For this reason, the company has all the relevant ISO certifications. This ensures security in the process and minimises unnecessary risks.





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# GEHRINGCUT

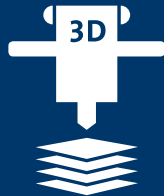




## The one-stop-shop principle means:

- > more than the sum of the individual services
- > turnkey solutions according to the principle 1+1>2
- > unsurpassed range in manufacturing and service, with own technologies and a high level of automation
- > one project manager across all process steps
- > streamlined sequences and optimised interface management, and therefore higher efficiency and reduced complexity
- > less auditing expenditure

## OUR ADDED VALUE CHAIN IN THE GROUP



### DESIGN TO MANUFACTURE

Construction  
Prototyping

### METAL-LASER SINTERING

Design freedom, where CNC  
machining reaches its limits,  
with the integration of:  
Functionality  
Complexity  
Grid structure  
CNC machining

### CNC MACHINING

Lathing  
Milling  
Grinding  
Flat grinding  
Wire erosion  
Sink erosion  
Laser welding

### HEAT TREATMENT

Stress relief  
Heat treatment  
Curing





#### SURFACE TREATMENT

Blasting  
Vibratory finishing  
E-polishing  
Anodisation  
Varnishing Anodisation  
Laser marking

#### CLEANING

Washing  
Passivation

#### ASSEMBLY/ TESTING

100% control  
Assembly

#### PACKAGING

Labelling  
Sterilisation  
Logistics

## Our areas of application



(CARDIO)VASCULAR  
SYSTEMS



DENTAL



MEDICAL  
DEVICES



MINIMALLY  
INVASIVE



We are a partner for our customers for complex current and future applications. Validated and documented processes are also required for sustainable collaboration and quality, as well as qualified staff.



ROBOTIC  
SURGERY



ORTHOPAEDICS



INSTRUMENTS



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The basis of trust for a sustainable partnership: consistently high quality, reasonable costs and a high delivery reliability

## A strong team

The team of the Klingel medical metal group includes around 600 qualified employees. The training quota is very high, because, as a future-oriented, fast-growing company, Klingel invests in the vocational and further training of employees. The solid medium-sized company focuses on high levels of individual responsibility, flat hierarchies and the long-term motivation of employees and trainees. Interested parties can expect an exciting role, performance related pay and a future-proof job with opportunities for advancement. You can find current job and training opportunities here:

